

Abstract

BIGLYCAN AND RELATED THERAPEUTICS AND METHODS OF USE

5 The invention provides compositions and methods for treating, preventing, and
diagnosing diseases or conditions associated with an abnormal level or activity of
biglycan; disorders associated with an unstable cytoplasmic membrane, due, e.g., to an
unstable dystrophin associated protein complex (DAPC); disorders associated with
abnormal synapses or neuromuscular junctions, including those resulting from an
abnormal MuSK activation or acetylcholine receptor (AChR) aggregation. Example of
10 diseases include muscular dystrophies, such as Duchenne's Muscular Dystrophy, Becker's
Muscular Dystrophy, neuromuscular disorders and neurological disorders.